

IN THE CLAIMS:

1. (Currently Amended) An apparatus for coating a medical device comprising:
a coating chamber;
a vibration source within the coating chamber,
the vibration source capable of suspending a first medical device positioned in the coating chamber;
the vibration source moveable independent of the coating chamber; and
a coating source,
the coating source positioned to introduce coating into the coating chamber.
2. (Original) The apparatus of claim 1 further comprising a coating filter coupled to the coating chamber.
3. (Previously Presented) The apparatus of claim 1 wherein the vibration source is either a conveyor belt, a disc, a plate or an acoustic diaphragm.
4. (Original) The apparatus of claim 1 wherein the coating source includes a nozzle coupled to a supply of coating.
5. (Previously Presented) The apparatus of claim 1 wherein the vibration source is positioned below a screen.
6. (Previously Presented) The apparatus of claim 5 wherein the vibration source is capable of generating pressure waves of compressible fluid containing enough energy to lift a medical device located on the screen away from the screen.
7. (Previously Presented) The apparatus of claim 4 wherein the nozzle is positioned beneath the vibration source.

8. (Previously Presented) The apparatus of claim 1 further comprising:
a power source coupled to the vibration source; and
a controller controlling the power source and providing instructions to vibrate
the vibration source at a predetermined frequency.
9. - 22. (Canceled)
23. (Withdrawn) A medical device that has been manufactured in accord with the following
method, the method comprising:
moving the medical device into a predetermined coating area;
vibrating a structure below the medical device, the vibration of the structure forcing the
medical device away from the vibrating structure; and
coating at least a portion of the medical device that has moved away from the vibrating
structure.
24. (Withdrawn) The medical device of claim 23 wherein the structure that is vibrated defines
the predetermined coating area.
25. (Withdrawn) The medical device manufactured in accord with the method of claim 23
wherein the medical device is moved into the predetermined coating area by a conveyor.
26. (Currently Amended) An apparatus for coating a medical implant comprising:
a coating area having an implant entrance and an implant exit;
a vibration source positioned beneath the coating area;
a source of therapeutic coating having an exit point in fluid communication with the
coating area; and
a screen positioned between the vibration source and the coating area,
the coating area sized to accept medical implants for implantation within the body
of a patient.
27. (Canceled) The apparatus of claim 26 further comprising:

a source of therapeutic having an exit point in fluid communication with the coating area.

28. (Previously Presented) The apparatus of claim 26 wherein the coating area is a confined space having an entrance and an exit,
the vibration source configured to urge a medical device in the coating area away from the entrance of the confined space and towards the exit of the confined space.
29. (Previously Presented) The apparatus of claim 26 wherein the vibration source is a moving conveyor belt.
30. (Currently Amended) The apparatus of claim ~~26~~ 27 wherein the ~~coating and the therapeutic mix prior to entering the coating area.~~ source of therapeutic coating is supplied by a mixture of therapeutic and carrier coating.
31. (New) The apparatus of claim 1 wherein the vibrating source vibrates at a frequency rapid enough to strike the first medical device and to strike a second medical device such that both medical devices remain above the vibrating source for at least a portion of time while the first and second medical devices are within the coating chamber.